



Rocky Mountain  
Remediation Services, L.L.C.  
... protecting the environment

Rocky Flats Environmental Technology Site  
P.O. Box 464  
Golden, Colorado 80402-0464  
Phone: (303) 966-7000

000105488

CORRES. CONTROL  
LTR. NO.

August 19, 1999

99-RF-03239

99-RF-03239

DIST.	LTR	ENC
Burdell, W.J.		
Crawford, A.C.		
Cypher, N.P.		
Dunstan, L.A.	X	X
Fiehweg, R.E.	X	X
Guinn, L.		
Huffman, F.M.	X	X
Hughes, F.P.		
Jenkins, K.		
Law, E.D.	X	X
Motyl, K.M.	X	X
Primrose, A.L.		
Rukavina, F.		
Wheeler, M.	X	X

Joseph A. Legare  
Assistant Manager, Environmental Compliance  
DOE, RFFO  
Building 460

Attn.: J. Stover

ANNUAL DISCHARGE MONITORING REPORT - NPDES PERMIT NO. CO-0001333 - ACC-100-99

Action: Transmit to EPA and CDPHE

The July 1999 Discharge Monitoring Report (DMR), required by the Rocky Flats Plant National Pollutant Discharge Elimination System (NPDES) Permit is attached.

During the month of July 1999, there were no discharges from Ponds A-3 (Outfall 002), A-4 (Outfall 005), B-5 (Outfall 006) or C-2 (Outfall 007). There was continuous discharge from the Sewage Treatment Plant (Outfall STP) and Pond B-3 (Outfall 001) during the reporting period.

It is necessary that the Principal Executive Officer sign and date the letter and the DMR forms. Per verbal request of the EPA, forms for those discharge points which were not active are included with the notation of "No Discharge." Additional monitoring data, as required by the NPDES Federal Facilities Compliance Agreement, is attached on a separate sheet. The NPDES permit requires that the report be postmarked no later than August 28, 1999, and be sent to the following:

U.S. E.P.A., Region VIII (8ENF-PT)  
999 - 18<sup>th</sup> Street, Suite 500  
Denver, CO 80202-2405

Attn: Mr. Ricky Archuleta, Jr.

Colorado Department of Public Health and  
Environment  
Attention: Mr. Dave Akers, Manager  
Water Quality Protection Section  
WQCD - PWQPS - B2  
4300 Cherry Creek Drive South  
Denver, CO 80246-1530

AUG 1999  
RECEIVED  
RECORDS CENTER

Best Available Copy  
ADMIN RECCRD

1A-1A-A-00212

August 19, 1999  
ACC-100-99  
Page 2

If you have any questions or desire additional information, please contact K. M. Motyl at 303-966-2172.

I certify that, to the best of my knowledge and that of my staff, the information provided in this Annual DMR is complete and accurate.



A. Clegg Crawford  
President  
Rocky Mountain Remediation Services, L.L.C.

LAD:slm

Original and 1 cc - Joseph A. Legare

Attachments:  
As Stated

cc:				
J. Hill	-	Kaiser-Hill	-	Bldg. 111
R. C. Nininger	-	Kaiser-Hill	-	Bldg. T130C
D. A. Ward	-	SSOC	-	Bldg. 750

July 1999

Data presented in this table are report only parameters and have no effluent limitation.

Sewage Treatment Plant Effluent Metals Data

Metal, total	Result, ug/l 07/01/99
Antimony	0.71 B
Arsenic	1.4 B
Beryllium	<0.02
Cadmium	<0.08
Copper	3.5
Iron	80.1 B
Lead	<0.72
Manganese	21.0
Mercury	<0.10
Nickel	1.8 B
Silver	<0.35
Zinc	30.9

B - Absolute value of the analyzed result is less than the Contract Required Detection Limit (CRDL).

Sewage Treatment Plant Effluent Volatile Organic Compound Data

VOC	Result, ug/l 07/06/99
Benzene	<10
Bromoform	<10
Carbon Tetrachloride	<10
Chlorobenzene	<10
Chlorodibromomethane	<10
Chloroethane	<10
Chloroform	2 J
Dichlorobromomethane	<10
1,1-Dichloroethane	<10
1,2-Dichloroethane	<10
1,1-Dichloroethylene	<10
1,2-Dichloropropane	<10
1,3-Dichloropropylene	<10
Ethylbenzene	<10
Methyl bromide	<10
Methyl chloride	<10
Methylene chloride	4 JB
1,1,2,2-Tetrachloroethane	<10
Tetrachloroethylene	<10
Toluene	<10
1,2-Trans-dichloroethylene	<10
1,1,1-Trichloroethane	<10
1,1,2-Trichloroethane	<10
Trichloroethylene	<10
Vinyl chloride	<10

J - Compound found, but below Practical Quantitation Limit (PQL). Quantitation is estimated.

B - Compound found in blank.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location (if Different))  
NAME USDOE-ROCKY FLATS PLANT  
ADDRESS XXXXXXXXXX  
XXXXXX  
10808 Hwy 93, Unit A  
Golden, CO 80403-8200  
FACILITY  
LOCATION

ATTN: ASSIST MANAGER FOR COMPLIANCE

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING			(4 Card Only) (38-45) QUANTITY OR CONCENTRATION			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH		*****	*****		6.3	*****	7.6	0	7/7	grab
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.0	*****	9.0			
SOLIDS, TOTAL	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	*****			
SUSPENDED	PERMIT REQUIREMENT	*****	*****	***	*****	*****	*****			
00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	*****			
OIL AND GREASE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	*****			
FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	*****			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	*****			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	*****			
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	*****			
CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	*****			
01034 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	*****			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	*****			
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	*****			
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	*****			
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	*****			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1318. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
Joseph A. Legare Asst. Mgr. Environmental Compliance, DOE		REPORT 30DA AVG 0.15		REPORT 30DA AVG 0.03		303 966-7000				
TYPED OR PRINTED		REPORT DAILY MX 0.2 MGD		REPORT 30DA AVG 7 DA AVG		AREA CODE NUMBER		YEAR MO		
RFFO		*****		*****		303 966-7000		7/7		

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

IF THERE IS A VISIBLE SHEEN OF OIL AND GREASE REPORTED, A GRAB SAMPLE MUST ALSO BE TAKEN AND REPORTED THIS DMR. IF NO VISIBLE SHEEN WAS REPORTED THEN OIL AND GREASE, 00556, SHOULD BE REPORTED AS NO DISCHARGE FOR THE MONTH.

EPA Form 3320-1 (08-95) Previous editions may be used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

4

COU13/980921-1144

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16)  
STP A  
DISCHARGE NUMBER  
C00001333  
PERMIT NUMBER  
XXXXXX  
MONITORING PERIOD  
FROM YEAR 99 MO 01 DAY 01 TO YEAR 99 MO 01 DAY 31

ATTN: ASSIST MANAGER FOR COMPLIANCE

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COU13/980921-1144

PAGE 10

DISCHARGE FROM SEWAGE  
F - FINAL  
MAJOR Continuous 7/1/99 - 7/31/99  
\*\*\* NO DISCHARGE \*\*\*  
NOTE: Read instructions before completing this form.

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RFFO		*****								

DISCHARGE FROM SERVICE NO. 7070-9004PT  
Form Approved: 7070-9004PT  
Approval expires 05-31-98

**Form Approved.**

2040-9904 P.T.  
 Approval expires 05-31-98  
 234

XXXXXXXXXX

**F - FINAL**

10606 HWY. 93, UNIT A  
FACILITY Golden, CO 80403-8200  
LOCATION

**MONITORING PERIOD**

YEAR	MO	DAY	YEAR	MO	DAY
99	07	01	99	07	31

Continuous 7/1/99 - 7/31/99

\*\*\* NO DISCHARGE \*\*\*

(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)
---------	---------	---------	---------	---------	---------

**ATTN: ASSIST MANAGER FOR COMPLIANCE**

PARAMET  
(32-37)

[illegible]

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.*

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Joseph A. Legare  
Asst. Mgr.

## Environmental Compliance, DOI/

**TYPED OR PRINTED**

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IF THERE IS A VISIBLE SHEEN OF OIL AND GREASE REPORTED, A GRAB SAMPLE MUST ALSO BE TAKEN AND REPORTED ON THIS OMR. IF NO VISIBLE SHEEN WAS REPORTED THEN OIL AND GREASE, 00556, SHOULD BE REPORTED AS NO DISCHARGE FOR THE MONTH.

EPA Form 3320-1 (08-95) Previous editions may be used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

JANET F  
OF

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
NAME US000-ROCKY FLAIS PLANT  
ADDRESS XXXXXXXXXXXXXXXX  
XXXXXX  
10808 Hwy 93, Unit A  
Golden, CO 80403-8200

ATTN: ASSIST MANAGER FOR COMPLIANCE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
C00001333  
PERMIT NUMBER  
001 A  
DISCHARGE NUMBER

FROM POND B-3  
F - FINAL  
MAJOR  
Continuous 7/1/99 - 7/31/99  
\*\*\* NO DISCHARGE \*\*\*

Form Approved.  
OMB No. 2040-0004  
Approved 05-31-98

PARAMETER (32-37)	(3 Card Only) (46-53)			(4 Card Only) (38-45)			(5 Card Only) (54-61)			(6 Card Only) (62-69)			SAMPLE TYPE (69-70)		
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	QUANTITY OR CONCENTRATION (54-61)					
300, 5-DAY (20 DEG. C)	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT
00310 1 0 1	EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT
SOLIDS, TOTAL	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT
SUSPENDED	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT
00530 1 0 1	EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT
NITROGEN, NITRATE	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT
TOTAL (AS N)	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT
00620 1 0 0	EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT
CHLORINE, TOTAL	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT
RESIDUAL	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT
50060 1 0 0	EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT
800, CARBONACEOUS	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT
05 DAY, ZOC	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT
80082 1 0 1	EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Joseph A. Legare  
Asst. Mgr.  
Environmental Compliance, DOE/  
RFP

TYPED OR PRINTED

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
303 966-7000  
AREA CODE NUMBER

TELEPHONE  
DATE





NAME USDOE-ROCKY FLATS PLANT

POND A-4

OMB No. 2040-0004

ADDRESS 1XXXXXX XXXXXXXX XXXXXXXX

**C00001333**

0050

XXXXXX

XXXXXXXXXX

**F - FINAL**

10808 Hwy 93, Unit A

**FACILITY**

MONITORING PERIOD	
1	2
3	4
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95	96
97	98
99	100

LOCATION

YEAR	MO	DAY
99	07	31

\*\*\* NO DISCHARGE \*\*\* XXX

ATTN: ASSIST MANAGER FOR COMPLIANCE

120-21	122-23	124-25	126-27	128-29	130-31
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**NOTE: Read instructions before completing this form.**

PARAMETER (32-37)		QUANTITY OR LOADING (54-61) <small>(3 Card Only) (46-53)</small>						QUANTITY OR CONCENTRATION (54-61) <small>(4 Card Only) (38-45)</small>						NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW RATE	SAMPLE MEASUREMENT	*****						*****	*****							
00056 1 0 0	PERMIT REQUIREMENT	*****	REPORT DAILY MX					*****	*****	***				DAILY	INSTANT	
EFFLUENT GROSS VALUE CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	*****	*****	MGD				*****	*****	( 28 )						
01034 1 0 0	PERMIT REQUIREMENT	*****	*****	***				*****	*****	UG/L				ONCE / MONTH	CRAB	
DURATION OF DISCHARGE	SAMPLE MEASUREMENT	*****	*****	***				*****	*****	( 84 )						
31381 1 0 0	PERMIT REQUIREMENT	*****	*****	***				*****	*****	REPORT DAYS / MONTH				SEE PERMIT	NOT APPLICABLE	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT															
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**COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)**



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
NAME USDOE-ROCKY FLATS PLANT  
ADDRESS XXXXXXXXXX  
XXXXXX  
10808 Hwy 93, Unit A  
FACILITY Golden, CO 80403-8200  
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-18)  
CO0001333  
PERMIT NUMBER  
UU6 A  
DISCHARGE NUMBER

POND B-5  
F - FINAL  
MAJOR  
Form Approved.  
OMB No. 2040-0004  
Approved by EPA 05-31-98

ATTN: ASSIST MANAGER FOR COMPLIANCE

\*\*\* NO DISCHARGE \*\*\*  
NOTE: Read instructions before completing this form.

MONITORING PERIOD  
FROM YEAR 99 MO 01 DAY 01 TO YEAR 99 MO 07 DAY 31  
(20-21) (22-23) (24-26) (26-27) (28-29) (30-31)

PARAMETER (32-37)	(3 Card Only) (46-53)			(4 Card Only) (38-45)			(5 Card Only) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
FLOW RATE	SAMPLE MEASUREMENT	*****			*****	*****	*****					
00056 1 0 0	PERMIT REQUIREMENT	*****			*****	*****	*****					
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	REPORT DAILY MX		*****	*****	*****					
CHROMIUM TOTAL	PERMIT REQUIREMENT	*****	*****		*****	*****	*****					
01034 1 0 0	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****					
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****		*****	*****	*****					
DURATION OF	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****					
DISCHARGE	PERMIT REQUIREMENT	*****	*****		*****	*****	*****					
81381 1 0 0	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****					
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****		*****	*****	*****					
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